

Applicant: Zheng Fang
Application No.: 09/834,861

IN THE CLAIMS

1. (Previously presented) An apparatus comprising:

a consumer premises equipment (CPE) configured to be connected with at least one of a selectable plurality of call agents in response to user input, each call agent using one of a plurality of call control languages;

wherein the CPE includes at least a first telephone jack that couples the CPE to a first subscriber telephone and a second telephone jack that couples the CPE to a second subscriber telephone;

wherein the first subscriber telephone communicates with a first VoIP service provider using a first call agent and a first call control language, and the second subscriber telephone communicates with a second VoIP service provider using a second call agent and a second call control language that is different from the first call control language, the first and second subscriber telephones communicating concurrently.

2. (original) The apparatus of claim 1, further comprising a provision server that provides a menu for the user to select one from the plurality of call agents and select one from the plurality of call control languages.

3. (original) The apparatus of claim 1, further comprising a signaling server that establishes or disconnects voice communication with the one from the plurality of call agents using the one from the plurality of call control languages.

Applicant: Zheng Fang
Application No.: 09/834,861

4 - 5. (canceled)

6. (Previously presented) The apparatus of claim 1, wherein the CPE further comprises a call control protocol engine that can interact with either a first one of the plurality of call control language or a second one of the plurality of call control language.

7. (original) The apparatus of claim 1, wherein the plurality of call control languages are included from the list of Network Control System (NCS), Simple Gateway Control Protocol (SGCP), MGCP, or GR303.

8. (Previously presented) The apparatus of claim 1, wherein the first VoIP service provider enforces the first call control language and the second VoIP service provider enforces the second call control language.

9. (original) The apparatus of claim 1, wherein the consumer premises equipment (CPE) manages a plurality of telephony endpoints, the CPE controllably communicates with a plurality of call agents in response to user input at each one of the plurality of telephony endpoints.

10. (original) The apparatus of claim 1, wherein the CPE comprises a communications gateway.

Applicant: Zheng Fang
Application No.: 09/834,861

11. (canceled)

12. (Previously presented) The apparatus of claim 1, wherein the user input is provided through the a subscriber telephone.

13. (canceled)

14. (Currently amended) A method comprising:

connecting a consumer premises equipment (CPE) with at least one of a selectable plurality of call agents in response to user input, each call agent using one of a plurality of call control languages;

wherein the CPE includes at least a first telephone jack that couples the CPE to a first subscriber telephone and a second telephone jack that couples the CPE to a second subscriber telephone;

wherein the first subscriber telephone communicates with a first VoIP service provider using a first call agent and a first call control language, and the second subscriber telephone communicates with a second VoIP service provider using a second call agent and a second call control language that is different from the first call control language, the first and second subscriber telephones communicating concurrently.

Applicant: Zheng Fang
Application No.: 09/834,861

15. (original) The method of claim 14, further comprising providing a menu for the user to select one from the plurality of call agents and for the user to select one from the plurality of call control languages.

16. (original) The method of claim 14, further establishing voice communication with the one from the plurality of call agents using the one from the plurality of call control languages.

17. (original) The method of claim 14, wherein the call control languages include one from the list of Network Control System (NCS), Simple Gateway Control Protocol (SGCP), MGCP, or GR303.

18. (Previously presented) The method of claim 14, further comprising:

enforcing the first call control language using the first VoIP service provider;

and

enforcing the second call control language using the second VoIP service provider.

19. (original) The method of claim 14, wherein the CPE comprises a communications gateway.

20-23. (canceled)

Applicant: Zheng Fang
Application No.: 09/834,861

24. (New) A consumer premises equipment (CPE) configured to be connected with at least one of a selectable plurality of call agents of a VoIP network in response to user input, each call agent using one of a plurality of call control languages for communication with at least one service provider, the user input originating from a plurality of subscriber terminal devices connected to the CPE, comprising:

at least one modem configured to establish separate simultaneous communication sessions between a plurality of subscriber terminal devices and a plurality of service providers, at least one call agent and at least one call control language of one session different than the at least one call agent and the at least one call control language of the remaining sessions.